Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 23 Jan 2022 until 23:59 on Monday 24 Jan 2022

Forecast Issued on Saturday 22 Jan 2022 at 13:01

Confidence: High for a rather cloudy westerly airstream which brings some rain from weakening fronts that reach from the northwest, but confidence gradually lowering through the period on the detail of worst of conditions.

Headline for Sunday 23 Jan 2022: West rather cloudy with some patchy rain and later summit snow. East mostly dry with best of brightness.

Mountain weather hazards on Sunday 23 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Cloudy	Cloudy	Cloudy	Cloudy	Sleet
Precipitation probability							
20%	20%	30%	20%	20%	20%	20%	30%

Forecast for Sunday 23 Jan 2022

Weather: Always cloudier across western ranges with some outbreaks of light patchy rain or drizzle, which turn wintry above 900m at first, 700m from early afternoon. Largely dry for eastern areas, with some limited brighter spells developing.

Chance of cloud free mountain/hill tops above 800m: Ranging from 25% in west 60% in east.

Visibility: Good or very good becoming moderate or poor in light rain, drizzle, very low in snow and hill fog with bases frequently from 500-700m in west, infrequently so in east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 23 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	13/16 SW	17/21 SW	19/24 SW	25/31 SW	26/33 SW	24/30 SW	22/28 SW	24/31 SW	24/31 SW
600	10/13 SW	13/18 SW	15/20 SW	23/30 SW	26/34 SW	22/29 SW	21/28 SW	23/30 SW	20/28 SW
300	4/11 SW	4/13 SW	5/15 SW	10/22 SW	12/26 SW	9/22 SW	8/22 SW	9/24 S	7/22 SW
Valley	2/8 SW	4/12 SW	5/14 SW	9/21 SW	11/22 SW	9/19 SW	9/20 SW	10/21 SW	10/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-3	2/-4	1/-5	0/-7	-1/-8	-1/-8	-1/-8	-0/-8	-0/-7
600	4/-0	3/-1	3/-2	2/-4	2/-5	1/-5	1/-5	2/-5	2/-4
300	5/4	5/4	5/3	4/1	4/0	4/1	3/0	3/-0	3/0
Valley	6/5	6/5	6/5	6/3	6/3	6/4	6/3	6/3	6/2
Freezing Level*	1100m	1000m	1000m	900m	800m	800m	800m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very cold in the wind chill at height, this coupled with hill fog in the west will bring some difficult conditions.

Forecast for Monday 24 Jan 2022

Weather: A cloudy day with occasional patchy light rain, mainly focused in the far west, also wintry at times above around 700m. Any limited brighter spells restricted east of Helvellyn.

Maximum wind: Southwest beginning mean 15-20mph with gusts reaching 30mph across more exposed ridges and summits. Gradually easing from late morning.

Chance of cloud free mountain/hill tops above 800m: Ranging from 10% in west 25% in east.

Visibility: Good or very good, becoming moderate or poor in rain, very low in snow and hill fog with bases widespread from 500m in west, frequently so in east.

Temperature: **Valleys:** Minus 1 Celsius rising to 7 Celsius during the afternoon
At 800m: Minus 1 to Zero Celsius
Freezing level: 700-800m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 22 January Location: Catstyecam summit at 14:21 Full report: A relatively mild day with strong westerly winds over high ground and banks of cloud shrouding many of the summits. The wind speeds recorded today were higher than indicated in the readings and estimated to be in the region of 30-35mph. The vast majority of the fells are snow-free up to and including the highest summits and any remaining old snow / névé is generally (but not exclusively) found on steep north through east-facing aspects above 700m. In these locations cover is quite patchy, however, some of the patches are still quite large. Small cornices are also present around corrie rims and should be given a wide berth. The remaining snow is well consolidated and was generally weight-bearing today but has softened slightly in the milder temperatures. An ice axe and crampons are essential for anyone venturing onto the snow on account of the steep ground that it is generally found on. A slip or trip in these conditions, if not quickly arrested could have serious consequences. Striding and Swirral edge can be done almost entirely on rock, however, a steep bank of hard snow is present on their exit slopes and requires good care to cross safely. Full winter clothing (warm and waterproof) including hats and gloves, a map and compass, and headtorch are all essential items for anyone venturing into the fells. Temperature: plus 2.4 C, Maximum wind speed 14.0mph, Wind chill: minus 1.7 C, Average wind speed: 5.9mph
Issued at: 1301 on Sat 22 Jan 2022

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